

FIG.1

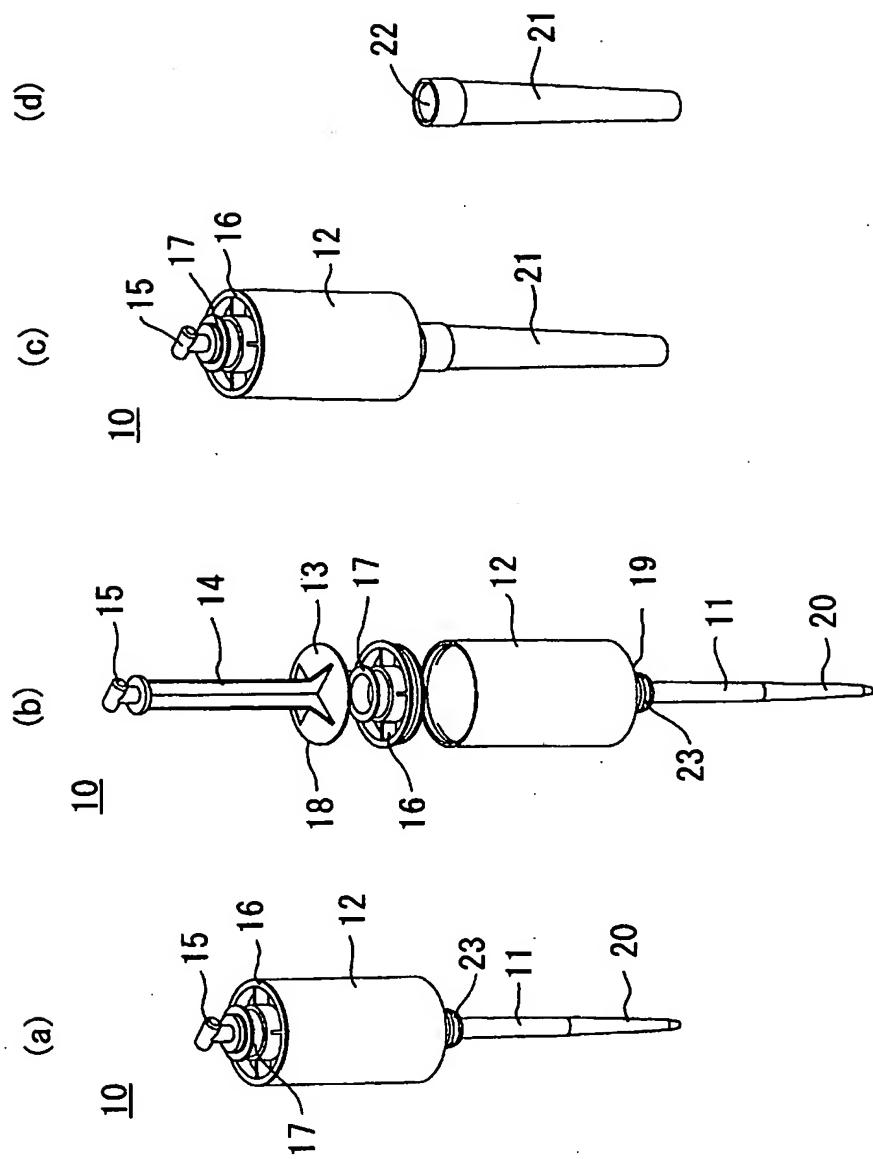


FIG.2

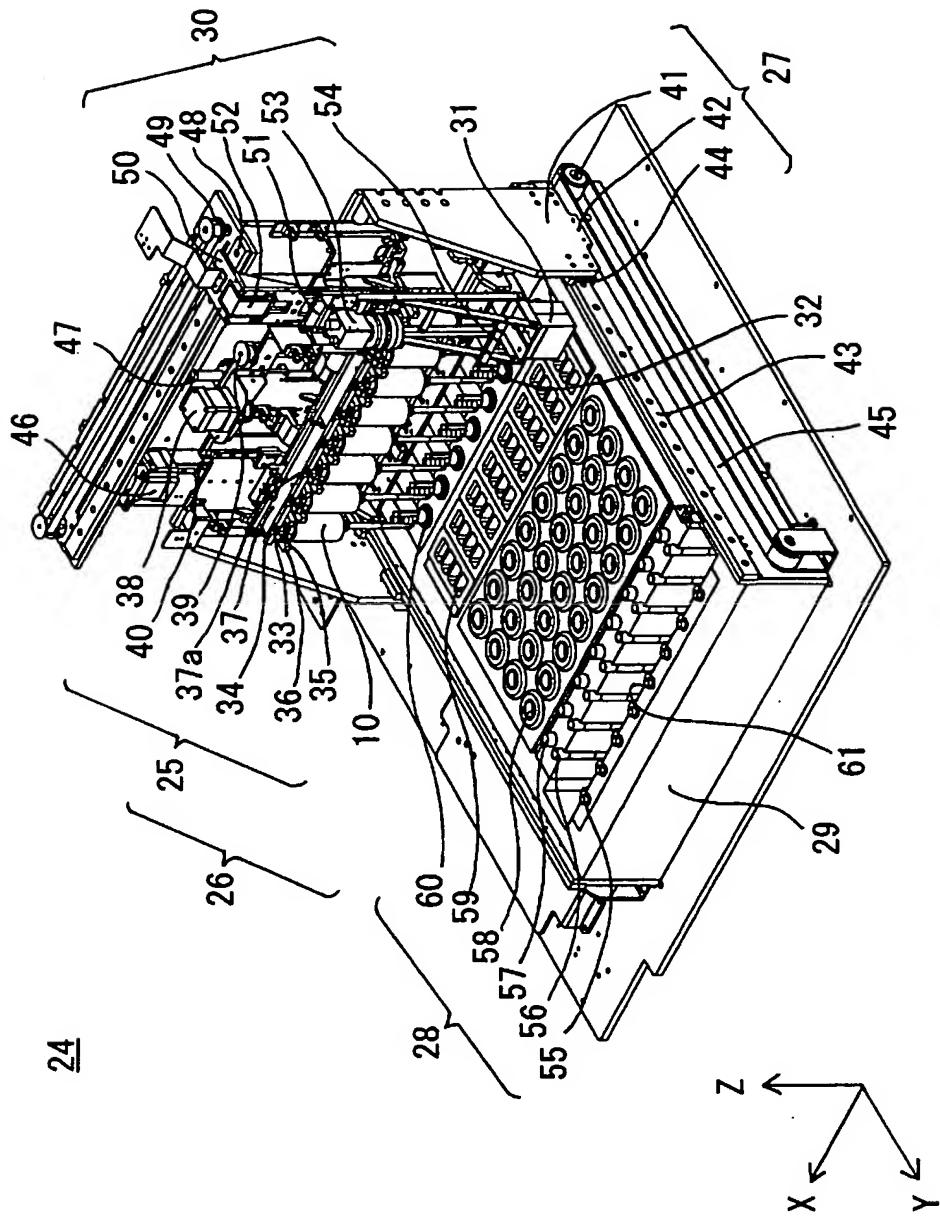
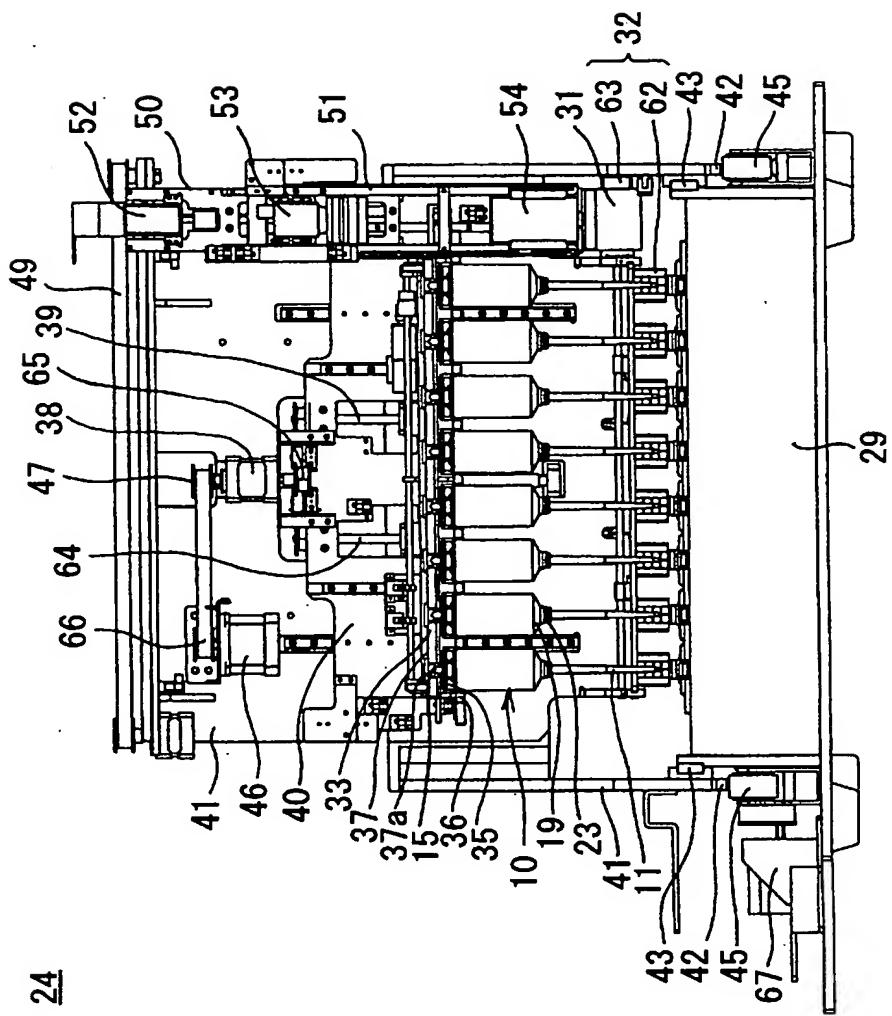


FIG.3



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FIG.4

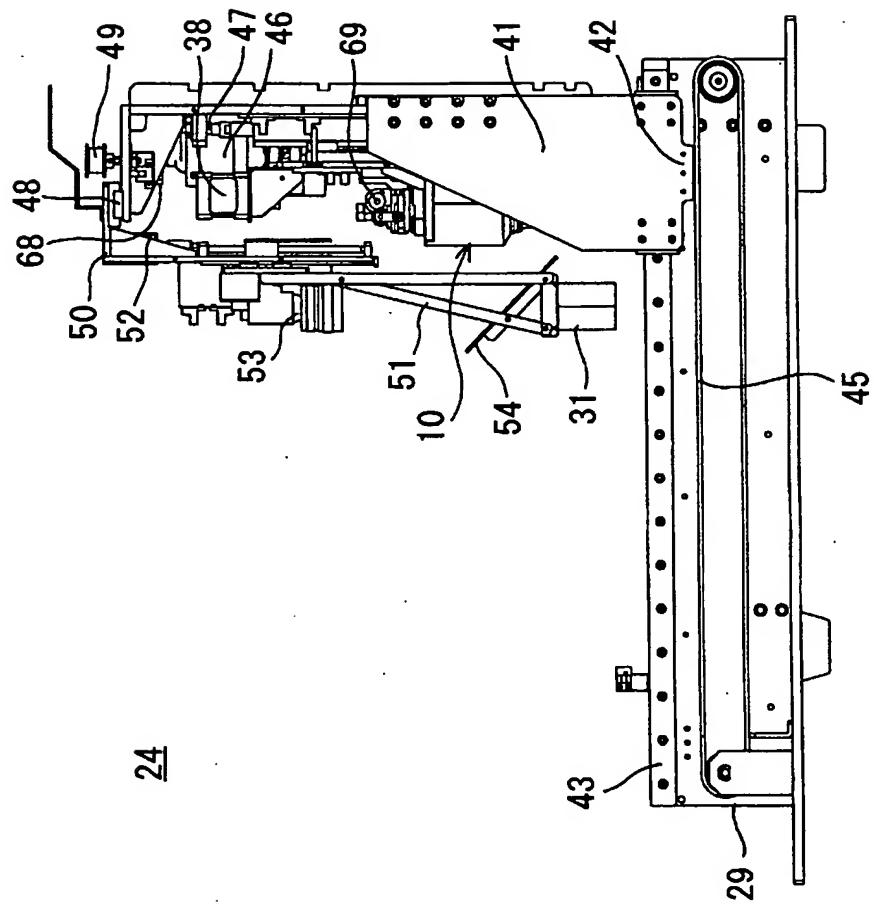


FIG.5

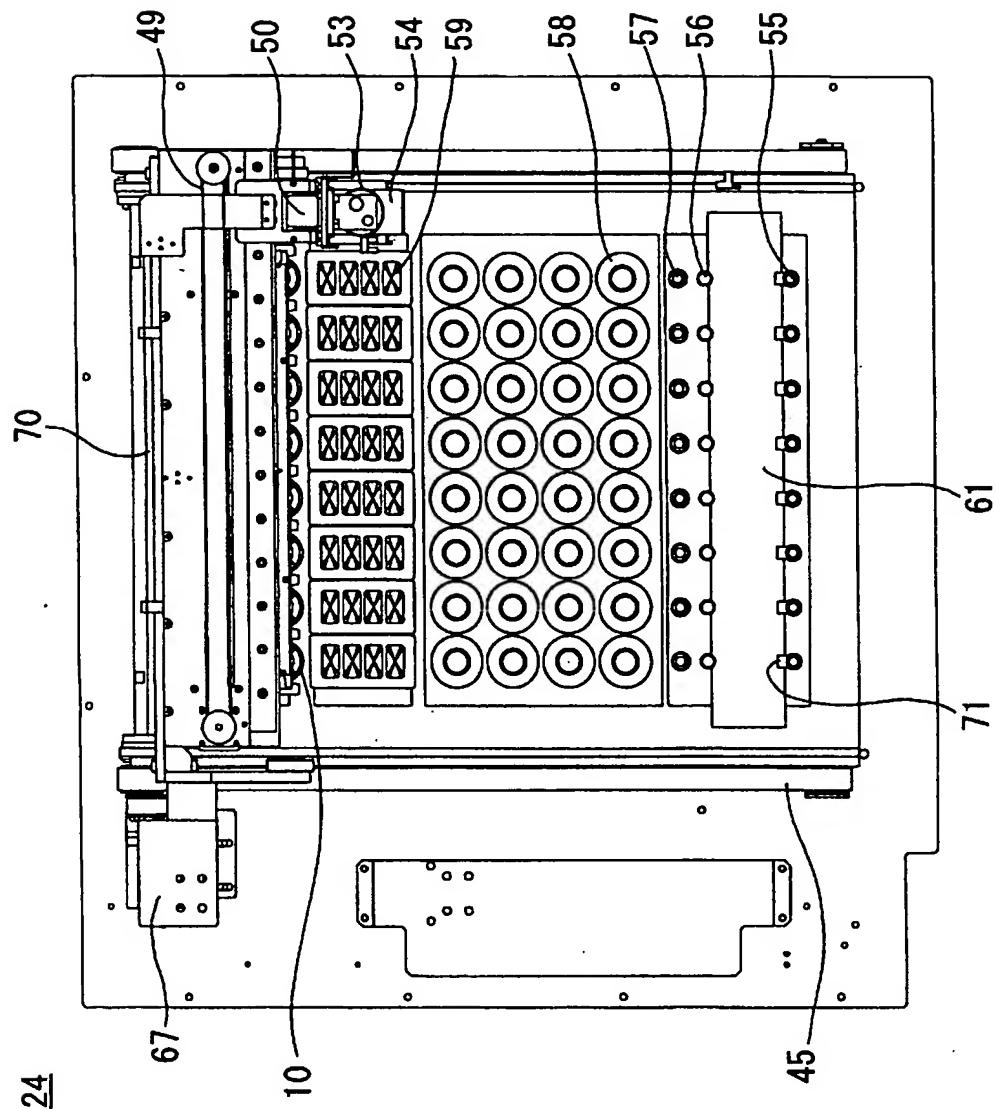


FIG.6

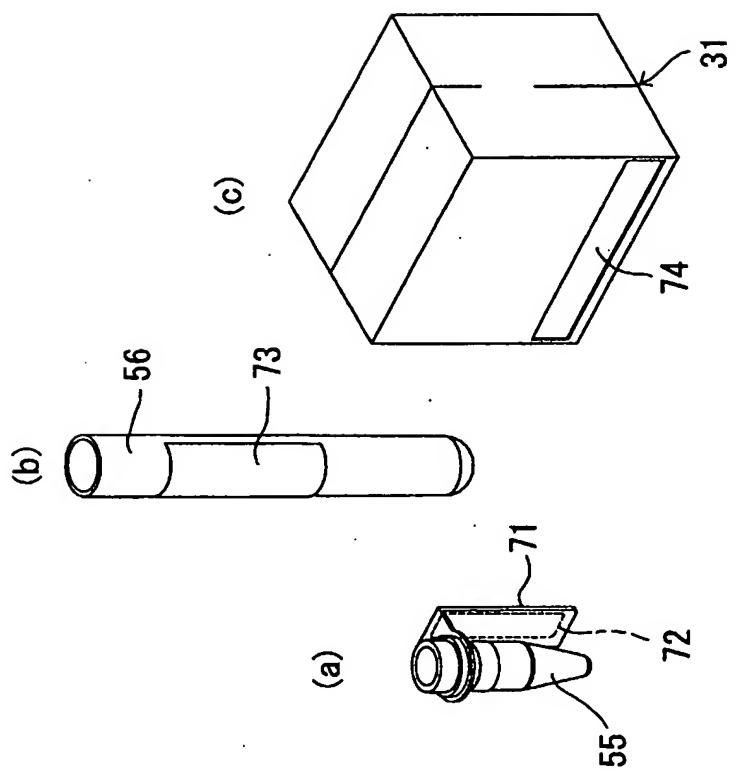


FIG.7

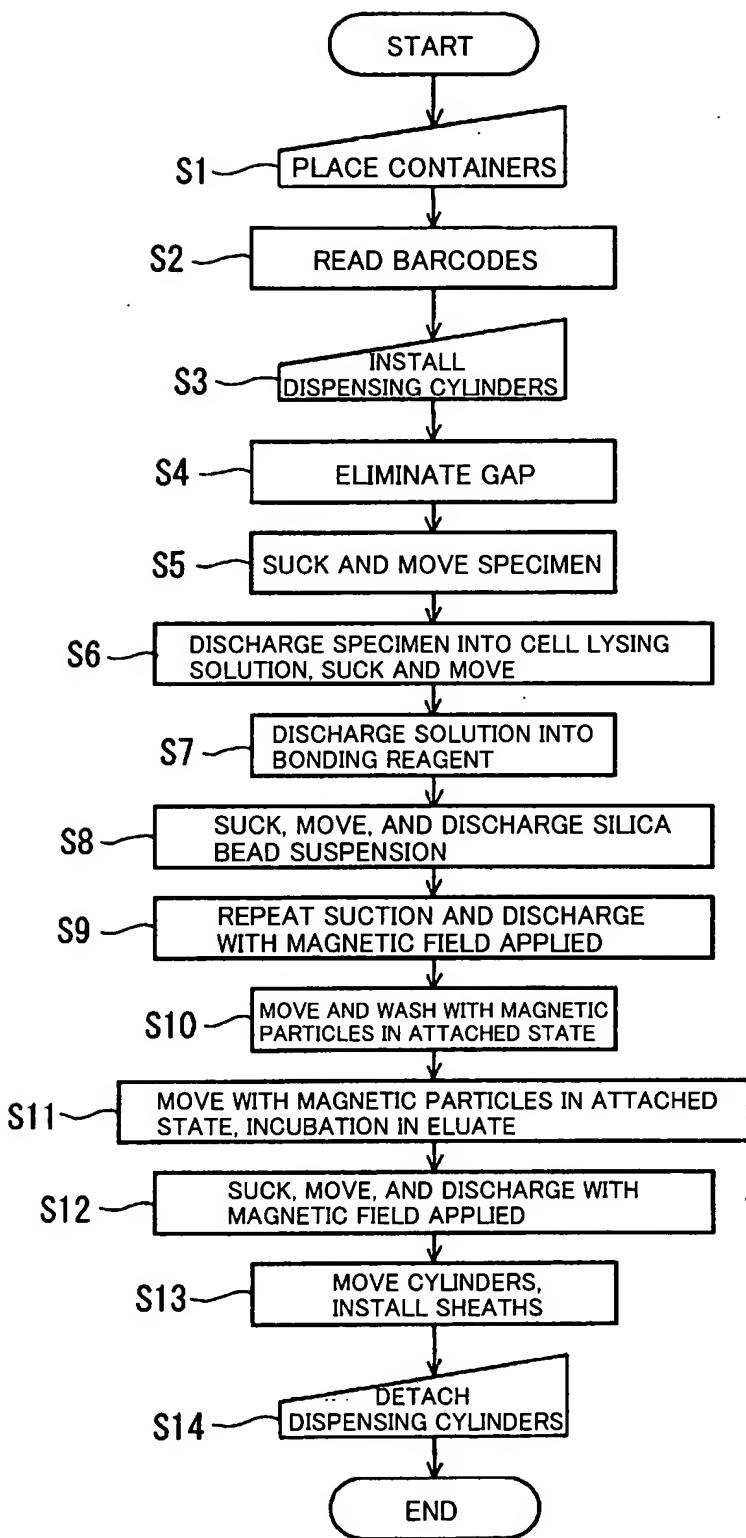


FIG.8

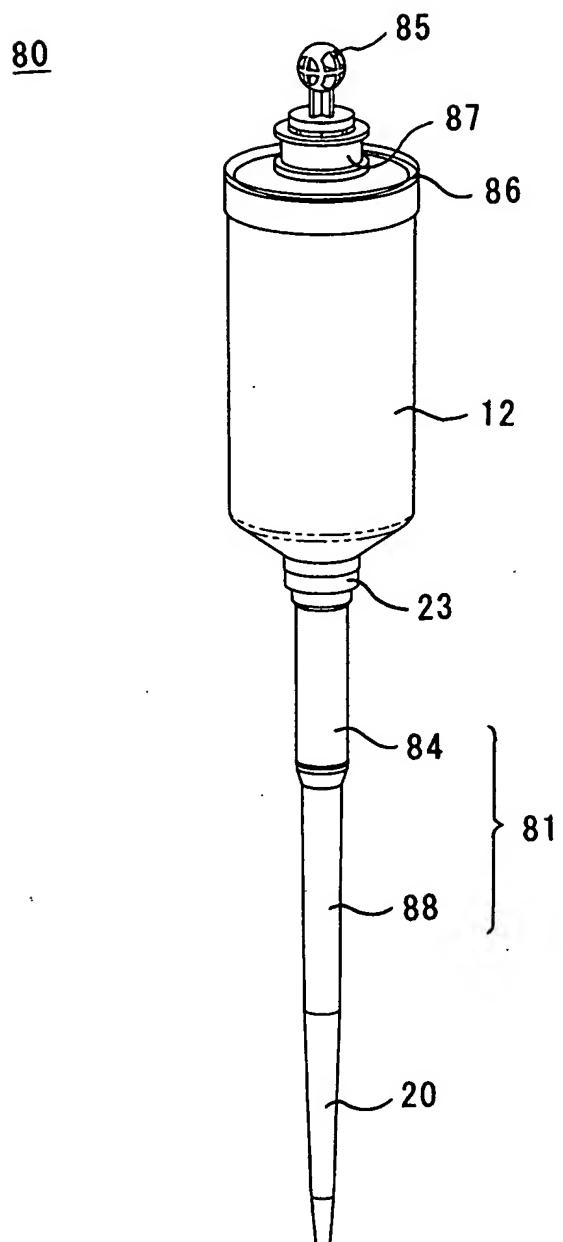


FIG.9

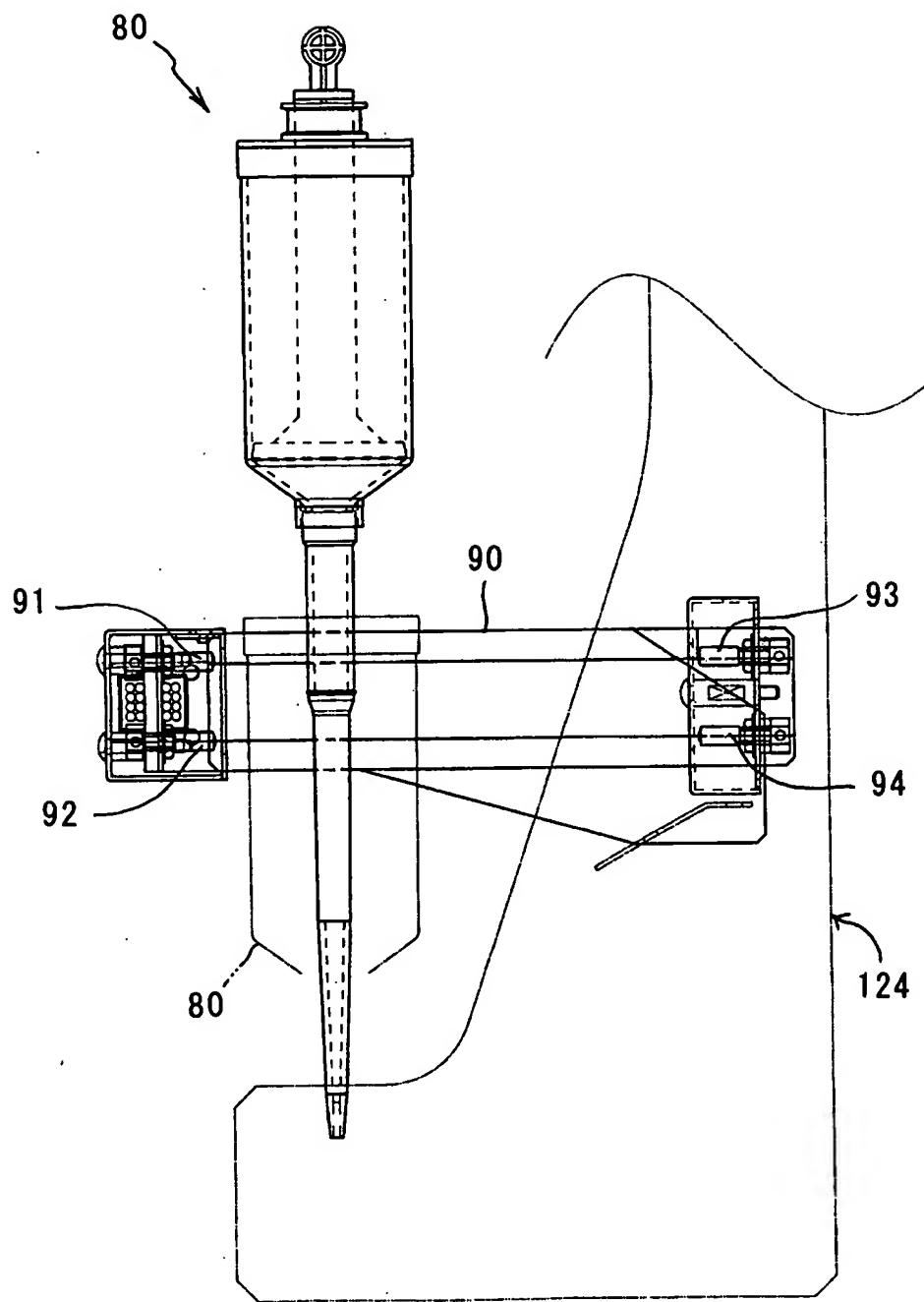
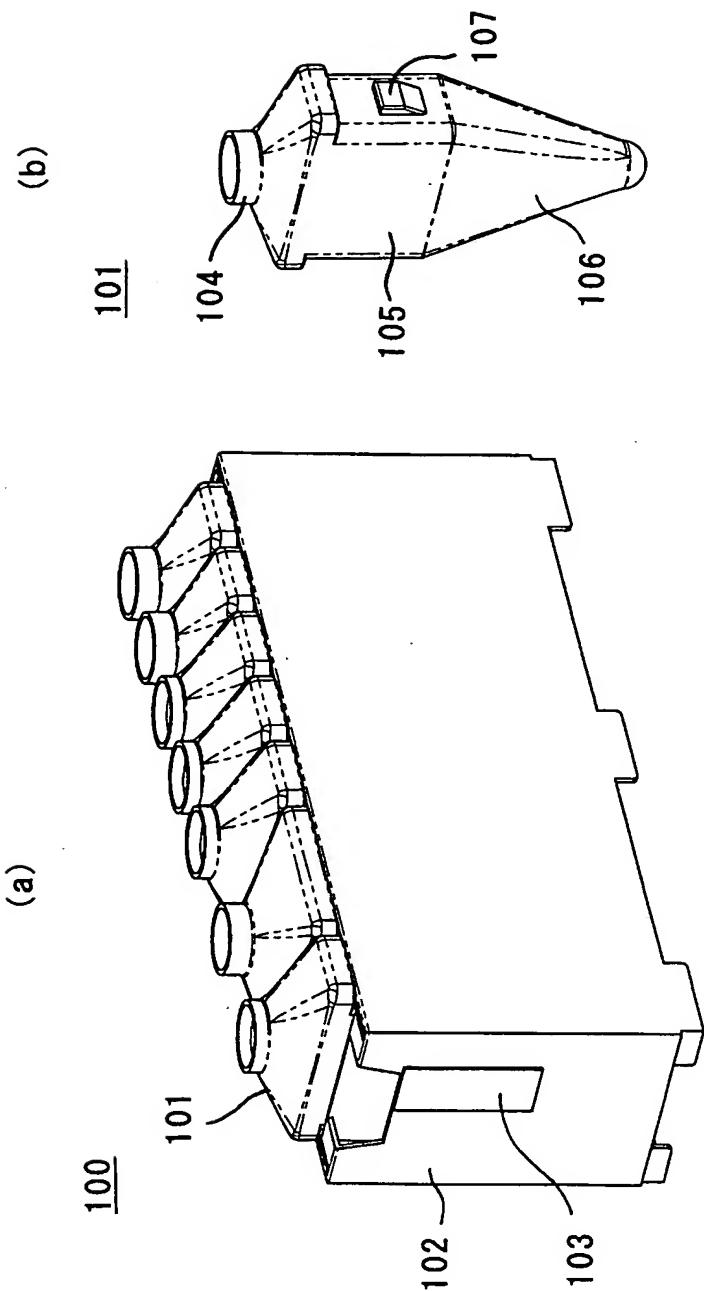


FIG.10



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FIG.11

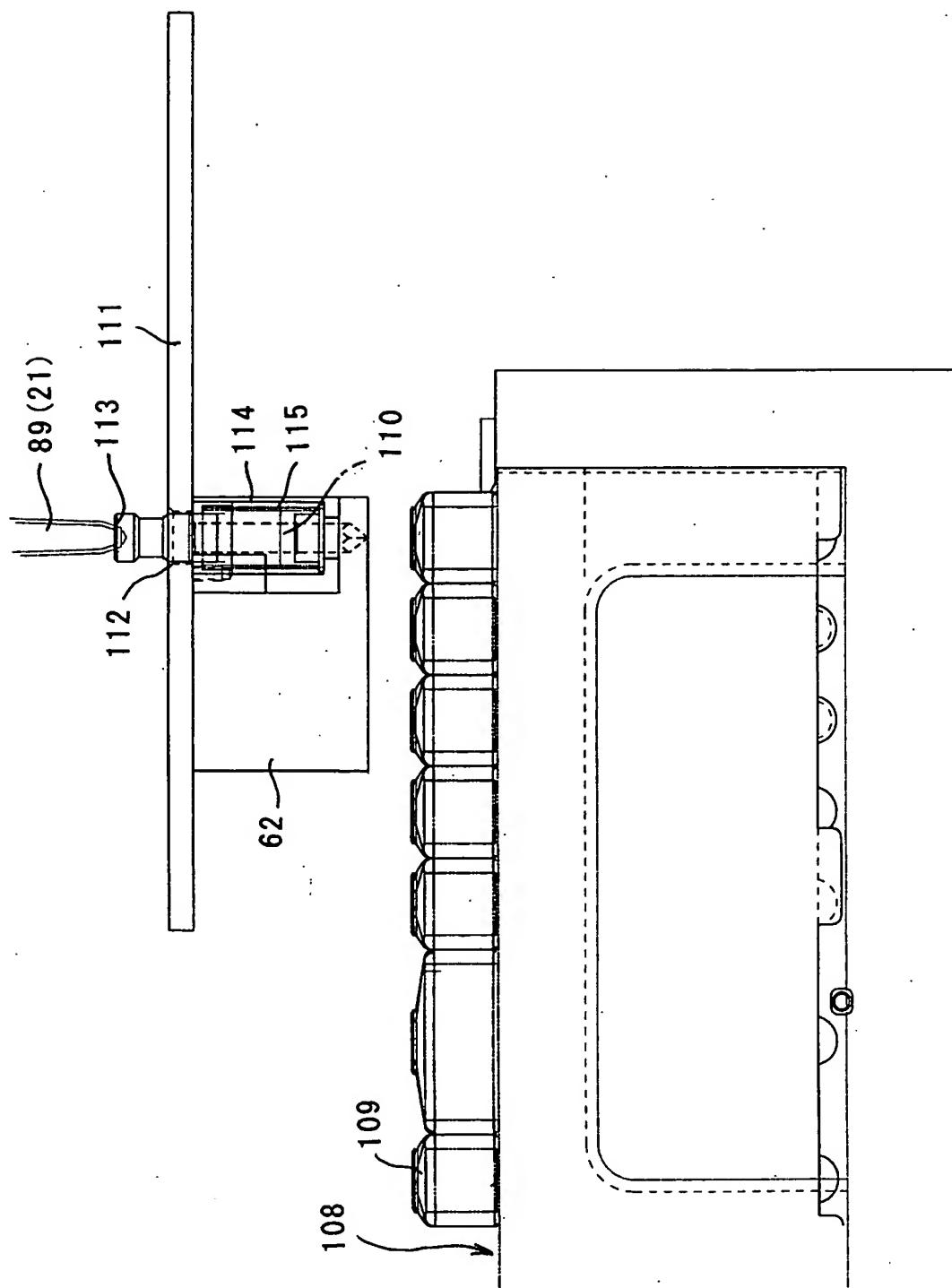
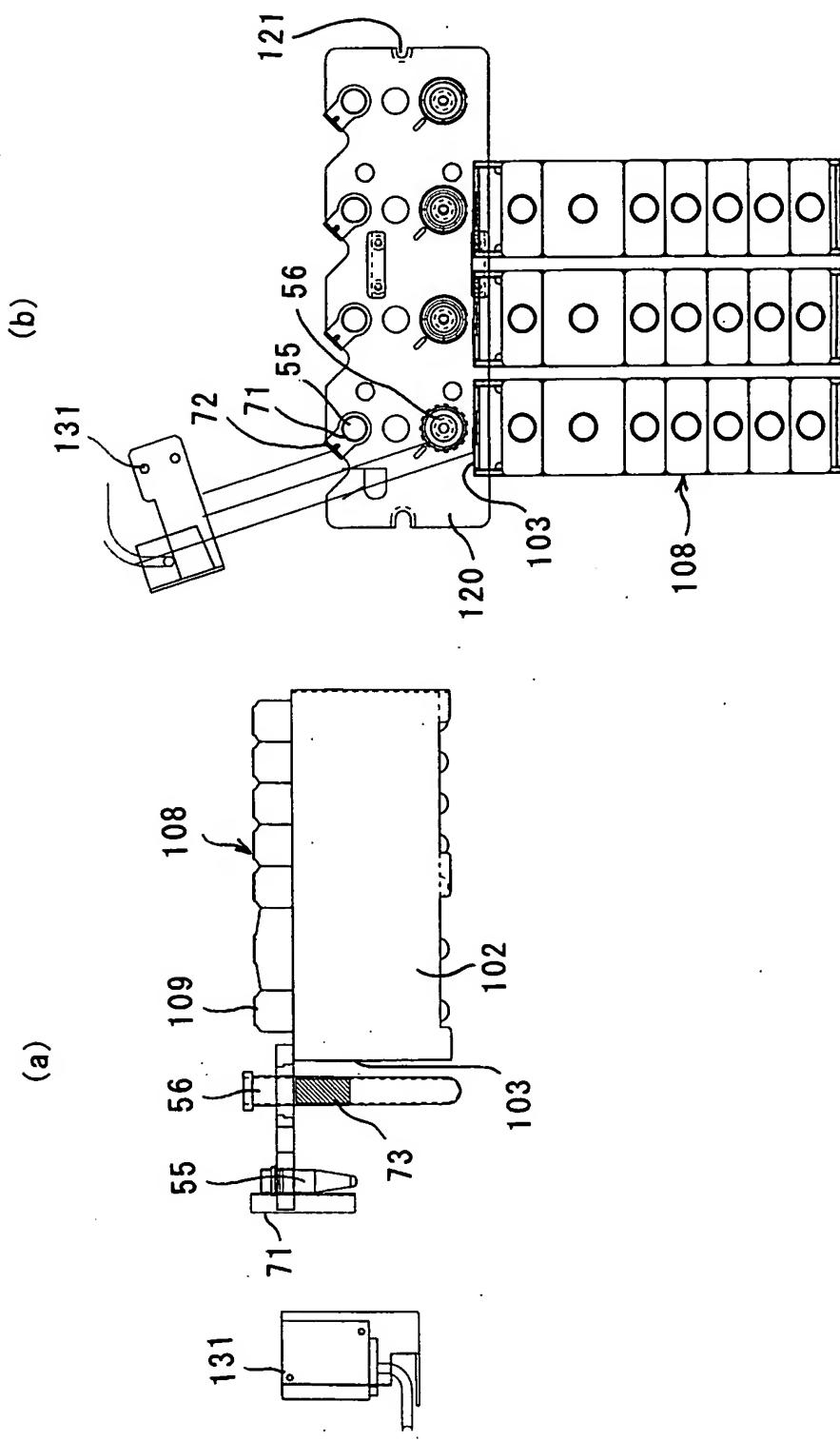


FIG.12



- 10, 80...Dispensing cylinder
- 11, 81...Small diameter section
- 12...Large diameter section
- 13...Piston (sliding section)
- 14...Rod (sliding section)
- 15...T shaped end section (connection section)
- 17...Flange tube (securing section)
- 21...Sheath
- 23...Engagement section
- 24, 124...Large capacity dispensing device
- 25...Suction and discharge mechanism
- 26...Main body section
- 27...Y axis carriage
- 29...Container placement stage
- 30...Optical measurement section
- 31, 131...Barcode reader
- 32...Magnetic section
- 33...T-shaped cavity (connection target section)
- 35...Sandwiching member (fitting section)
- 37a...Gap elimination plate (gap elimination mechanism)
- 50...X axis carriage
- 53...CCD camera (optical measuring section)
- 54...Mirror (optical measuring section)
- 55, 56, 57, 58, 59, 60, 101, 109...Container (bottle)
- 85...Ball end section (connection section)
- 100, 108...Multiple container storage section